AWARD NUMBER: W81XWH-14-1-0362

TITLE: HomeFront Strong (HFS): Building Resiliency in Military Families

PRINCIPAL INVESTIGATOR: Michelle Kees, PhD; University of Michigan

CONTRACTING ORGANIZATION: Regents of the University of Michigan

Ann Arbor, MI 48109

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#### 14. ABSTRACT

Military families have long been the pillars of strength, yet the tempo of deployment over the past 14 years has taken a toll. Nearly 40% of military spouses experience psychological symptoms related to deployment, yet few evidence-based programs are available to support spouses. The current project aims to improve the psychological health of military families residing in civilian communities by implementing and evaluating HomeFront Strong (HFS), a promising evidence-based psychological health intervention for military spouses/partners. This project is guided by three goals: 1. Develop and field test an HFS mobile website; 2. Train community providers to disseminate HomeFront Strong at their community sites (8 sites); and 3. Evaluate the mental health outcomes of Group vs. Webbased HFS in a sample of 360 military spouses/partners. In the current funding period, the HFS mobile website and administrative console have been developed, designed, and field tested (Goal 1, complete). Foundational activities for Goal 2 and 3 have occurred, with a confirmed partnership with Easter Seals Michigan to disseminate HFS at four sites, final product development of community training materials, a comprehensive plan for participant recruitment, and IRB proposals are in process. The subsequent year will see concerted effort in each of these areas.

#### 15. SUBJECT TERMS

Military spouses; Resilience; Psychology health intervention; Mental health

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#### 1. INTRODUCTION:

This project aims to improve the psychological health and well-being of military families residing in civilian communities by disseminating and evaluating HomeFront Strong (HFS), an evidence-based resiliency intervention for military spouses/partners. The project is guided by three objectives: 1) Develop and field test an HFS mobile website; 2) Train community providers to disseminate HomeFront Strong at their community sites; 3) Evaluate the mental health outcomes of Group vs. Web-based HFS in a sample of 360 military spouses/partners. The current proposal will build capacity in local communities to offer HFS, provide program evaluation data to further establish the effectiveness of HFS, and generate feasibility data to develop a strategic plan for large scale implementation of HFS.

### 2. **KEYWORDS:**

Military families; Military spouses; Military partners; Resiliency; Mental health; Psychological health intervention; Community capacity building; Dissemination; Implementation science

### 3. ACCOMPLISHMENTS:

# What were the major goals of the project?

- 1) Develop and field test an HFS mobile website
- 2) Train community providers to disseminate HFS at their community sites (8 sites projected) and evaluate levels of training (Basic versus Enhanced)
- 3) Evaluate outcomes of Group vs. Web-based HFS in a sample of 360 military spouses/partners

# What was accomplished under these goals?

# **Goal 1: Develop and field test a HomeFront Strong mobile website:**

### i) Major activities

In collaboration with the Center for Health Communications Research at University of Michigan, Goal 1 has been a primary focus of this funding period and has been successfully completed, resulting in two products: 1) the HFS Administrative Console and 2) the HFS mobile website.

Access to the secured website will be managed through the HFS Administrative Console. The HFS Administrative Console is available only to HFS program staff and is a tool to support program management and implementation. The Administrative Console has been designed so that HFS program staff can manage participant enrollment in HFS either as individuals (Web-Based Condition) or as part of a cohort (HFS Group Condition). Depending on the enrollment status of a participant, the Console is programmed so that participants receive timed access to each of the eight on-line sessions, with session and homework reminders pushed by email or text, at the participant's preference. See Appendix A for images from the Administrative Console.

The HFS mobile website is designed to be accessible to participants from mobile devices or computers, and is hosted on a secure server with password protection. The site includes content for each of the eight HFS sessions, with interactive exercises, audio files, and homework practice

embedded throughout. The site will be the sole source of program information for participants in the Web-based Condition and will provide supplemental learning opportunities for participants in the HFS Group Condition. Of note, for participants in the Web-based Condition, the website does not include some of the more interactive elements that are used as discussion points in the group setting (e.g., guided journaling, tracking self-care, daily gratitude with test reminders). The Web-based condition also is information only, meaning there is no opportunity for social connection with other military spouses/partners. See Appendix B for images from the HFS website.

Programming language has been written to collect participant usage of the website via paradata approaches, including "clicks" on each page within each session, length of time on each page, homework completion, and access of audio files. These variables will allow us to define use of the site and dose of exposure to the content material. See Appendix C for a sample image of paradata to be collected.

# ii) Specific objectives

Consistent with the proposed Statement of Work for this Goal, the following objectives have been met in Year 1:

- Design, programming, and pilot testing of the HFS Administrative Console to manage secure access to the website and delivery of program information via the site
- Modification of HFS program materials and content for delivery via mobile website, including eight sessions of psychoeducational content and interactive exercises, homework tracking logs, and audio files
- Graphic design and software programming of the HFS mobile website
- Beta testing of the HFS mobile website with key stakeholders
- Programming to collect paradata (participant usage of the site, time spent per page, completion of session activities, etc.)

# iii) Significant results or key outcomes

The HFS Administrative Console and HFS mobile website are complete and ready for program use. Beta testing of the Administration Console by HFS staff and non-participating stakeholders has been completed. Programming language to collect paradata regarding site usage has also been completed.

# iv) Other achievements

Nothing to report.

# v) <u>Stated goals not met</u>

All goals related to the HFS mobile website have been met. As participants enroll in HFS and real-time usage of the site and Administrative Console occurs, we will make necessary programming changes or updates.

# Goal 2: Train community providers to disseminate HomeFront Strong at their community sites (8 sites projected):

# i) Major activities

For Goal 2, the primary activities have centered on final preparation of HFS community provider training materials, including a training protocol for community providers, HFS curriculum manual for the providers, and training slides for the 2-day community training. The training has been piloted through Star Behavioral Health Providers under a different grant mechanism, and with some modifications is ready for launch with this project.

This project uniquely focuses on training of community providers and seeks to evaluate the dissemination and implementation process of HFS. As such, another major activity has been finalizing the evaluation protocol that will be used to assess fidelity to the treatment model and the community providers' overall experience in implementing HFS. Lengthy discussions with the University of Michigan Institutional Review Board have been held, and a Not Regulated proposal for this portion of the project is under review.

In this funding period, we have also focused on engaging community partners to launch HFS groups at their community sites. We expect to engage a minimum of 8 community sites through the course of the project. Easter Seals Michigan has 13 community locations state-wide, and has committed to participating with at least 4 sites. A Memorandum of Understanding is under review. Individual and small group meetings have also taken place with other community agencies interested in disseminating HFS. Additionally, meetings have been held with the Michigan National Guard to identify specific geographical areas of need, and with Star Behavioral Health Providers Michigan to plan locations for community trainings.

# ii) Specific objectives

Consistent with the proposed Statement of Work for this Goal, the following objectives have been initiated in Year 1, with ongoing effort projected for Year 2:

- Engage community partners (8 sites proposed)
  - Easter Seals Michigan has committed to 4 community sites, and is completing the MOU process
  - o Informational meetings have occurred with other potential community sites and state partners
- HFS community provider training
  - o HFS training protocol is finalized
  - o HFS curriculum manual is finalized and is in graphic design
  - o HFS training slides have been piloted and are under modification
- Evaluation of the HFS implementation process with community providers
  - o IRB is under review at University of Michigan as Exempt category
  - o Final measures for evaluating the HFS implementation have been selected
  - o Qualtrics programming of the evaluation measures is in process

## iii) Significant results or key outcomes

A key result for this outcome is the commitment from Easter Seals Michigan to participate as a lead community agency, offering 4 sites spread geographically across the state. Other key outcomes include the near finalization of the portfolio of training products. Year 2 will see significant advancement in this Goal with key outcomes in the training domain.

### iv) Other achievements

Nothing to report

# v) Stated goals not met

Given the revision of the timeline to prioritize Goal 1 (HFS mobile website development; See Question #5), the activities toward Goal 2 are reasonable and within expected parameters.

# Goal 3: Evaluate Group vs. Web-based HFS in a sample of 360 military spouses/partners:

# i) Major activities

For Goal 3, activities in this funding period have centered on further strengthening partner relationships and exploring strategies for future participant recruitment. Our team has met with the Michigan National Guard, Michigan Veterans Affairs Agency, Star Behavioral Health Providers – Michigan, Easter Seals Michigan, Ann Arbor VA, and Blue Star Families to discuss strategies for recruitment. We have also initiated community mapping exercises for cities identified as locations for future groups. Additionally, we have explored targeted social media advertising.

In this funding period, we have finalized the evaluation protocol to use for participants at the four assessment time points (pre, post, 3-month, and 6-month follow-up), and are in the midst of the IRB process at the University of Michigan. Additionally, Qualtrics programming of the participant surveys is in process.

# ii) Specific objectives

Consistent with the proposed Statement of Work for this Goal, foundational work for the following objectives has been initiated in Year 1, with substantial effort projected for Year 2:

- Participant recruitment plan
  - o A recruiting plan has been detailed based on community site locations, with plans for social media advertising and leveraged advertising from key partners
- Multi-wave program evaluation with HFS participants
  - o IRB proposal at the University of Michigan for human subjects is in process.
  - o The qualitative interview and evaluation measures for each of the four assessment waves have been finalized
  - o Qualtrics programming of the survey measure is in progress

# iii) Significant results or key outcomes

Nothing to report

# iv) Other achievements

Nothing to report

#### v) Stated goals not met

Given the revision of the timeline to prioritize Goal 1 (HFS mobile website development; See Question #5), the activities toward Goal 3 are reasonable and within expected parameters.

# What opportunities for training and professional development has the project provided?

Training for community providers (Goal 2) will be a primary focus in Year 2 of the project.

In Year 1, professional development activities for our team have included:

- Star Behavioral Health Providers Tier 1, Military Culture
- Star Behavioral Health Providers Tier 2, Psychological Concerns in Military Populations
- Star Behavioral Health Providers Tier 3, Military Family Resilience
- Ann Arbor VA Community Summit
- Bristol Myers Squibb Foundation Annual Grantee Summit
- 2015 Hidden Heroes Coalition Summit: Progress and Promise Produced Focused Initiatives and Overwhelming Support for Military and Veteran Caregivers
- Elizabeth Dole Foundation, Meeting of the National Coalition for Military and Veteran Caregivers

#### How were the results disseminated to communities of interest?

As Year 1 has focused on development of the HFS mobile website and logistics, there have not been any data-specific results to disseminate. We have presented the background and goals for this project in several professional venues (see Presentations, Question #6). We have also initiated a series of informational meetings with state partners to announce the upcoming community training and HFS program initiatives. These partners include, Michigan National Guard, Michigan Veterans Affairs Agency, Star Behavioral Health Providers – Michigan, Easter Seals Michigan, Ann Arbor VA, and Blue Star Families.

# What do you plan to do during the next reporting period to accomplish the goals?

# Goal 1: Develop and field test HomeFront Strong mobile website

The primary activities of Goal 1 were completed in Year 1. Consistent with the Statement of Work, Year 2 will include two objectives and related activities:

- 1. Launch the HFS mobile website with HFS participants
  - Monitor site for any implementation issues not evident in production or field testing
  - Modify site content or software programming as needed
- 2. Collect and analyze site usage data
  - Retrieve usage data from the secured site at timed intervals related to the cohort or individual's completion of the program
  - Write syntax to code paradata (e.g., how many clicks or time on page translates to session completion) and transform to SPSS variables of usage.

Goal 2: Train community providers to disseminate HomeFront Strong at their community sites Consistent with the Statement of Work, the next funding period will focus on three objectives towards meeting Goal 2, with the following activities:

- 1. Engage community partners
  - Obtain final IRB approval from the University of Michigan and Human Research Protection Office
  - Finalize MOU with Easter Seals Michigan
  - Recruit and secure MOU's with 4 additional community sites

- 2. HFS community provider training
  - Train community providers at the 4 identified Easter Seals Michigan sites
  - Train community providers at 4 additional community sites
  - Randomly assign community sites to implementation condition: Basic (training + coaching) or Enhanced (training + coaching + co-led groups)
  - As groups launch, provide ongoing weekly coaching sessions to community providers
  - For community providers in the Enhanced condition, co-lead the HFS groups
- 3. Evaluation of the implementation process
  - Program Qualtrics for on-line administration of the implementation and fidelity survey for community providers
  - Field Qualtrics surveys to community providers during the course of each group
  - Conduct preliminary analyses of survey results
  - Conduct fidelity coding of the video-recordings from HFS sessions

# Goal 3: Evaluate outcomes of Group vs. Web-based HFS in a sample of 360 military spouses/partners

Consistent with the Statement of Work, the next funding period will focus on four objectives towards meeting Goal 3, with the following activities:

- 1. Recruit participants
  - Obtain final IRB approvals from the University of Michigan and Human Research Protection Office
  - Recruitment efforts to target social media advertising, community mapping, and leveraging of existing partnerships.
  - Screen interested participants and offer HFS group or Web-based condition.
- 2. Conduct pre-, post-, 3- and 6-month follow-up assessments with participants
  - Conduct qualitative interviews with HFS participants at pre and 3-month follow-up assessments
  - Transcribe and code qualitative interviews with participants
  - Program Qualtrics with survey measures for HFS participants
  - Field Qualtrics survey to participants at 4 intervals
  - Conduct preliminary analyses of survey results
- 3. Offer HFS groups at community sites
  - Use the HFS Administrative Console to track and manage HFS program participation
  - Coordinate all logistics of the HFS groups (e.g., scheduling, location, food, supplies, children's program)
- 4. Offer HFS Web-based condition via HFS mobile website
  - Use the HFS administrative Console to track and manage HFS program participation

#### 4. IMPACT:

# What was the impact on the development of the principal discipline(s) of the project?

The HFS mobile website and Administrative Console have the potential to significantly impact the well-being of military spouses/partners who before could not participate in an in-person program because of geographic location, transportation issues, or other time commitments. The website includes all components of the HFS program, delivered on-line, through a secure, password protected site that is easily accessible via mobile/smart phone platforms. Military spouses/partners who previously would have struggled to attend an in-person program will now have the opportunity to receive the same evidence-based materials in an on-line format.

# What was the impact on other disciplines?

Nothing to report

# What was the impact on technology transfer?

Nothing to report.

# What was the impact on society beyond science and technology?

Nothing to report.

### 5. CHANGES/PROBLEMS:

# Changes in approach and reasons for change

The following has previously been discussed in Quarterly Reports.

In the initial grant proposal for this project, the HFS mobile website (Goal 1) was intended as a supplemental option for HFS participants to have greater access to program materials. During the initial award period, the Peer Review Panel provided feedback recommending inclusion of a comparison condition for HFS. This feedback resulted in a significant design modification to a quasi-experimental study comparing 1) HFS group participation to 2) a Web-based version of HFS delivered via the mobile website. This strengthened the overall design of the study and will allow more meaningful interpretation of the impact of HFS. However, this modification meant that the HFS mobile website had to be operational prior to initiation of any other project (e.g., participants could not be enrolled in HFS if both Web-based and Group conditions weren't viable; providers should receive HFS training near to the time of launching their first HFS group to avoid loss of knowledge). Thus, the overall timeline was modified to prioritize the development of the mobile website.

# Actual or anticipated problems or delays and actions or plans to resolve them

Development of the HFS mobile website was delayed for several months after receipt of funding because our collaborating team at the Center for Health Communications Research needed to clear staff effort for the project. CHCR staff salary effort on the project was delayed accordingly. In Quarter 2 of funding, CHCR staff launched a sprinting development for the website, and as projected, we have completed the site in this funding year.

### Changes that had a significant impact on expenditures

Because of the change in timeline and prioritizing Goal 1 (HFS mobile website development), the bulk of activities for Goal 2 (Training community providers) and Goal 3 (Enrolling participants into HFS Group/Web-based conditions) have been adjusted to launch in Year 2. Accordingly, we have delayed the hiring of staff critical for Goals 2 and 3 and have preserved a significant portion of the overall budget.

# Significant changes in use or care of human subjects, vertebrate animals, biohazards, and/or select agents

Nothing to report

# Significant changes in use or care of human subjects

Nothing to report

# Significant changes in use or care of vertebrate animals.

Nothing to report

# Significant changes in use of biohazards and/or select agents

Nothing to report

#### 6. PRODUCTS:

# Publications, conference papers, and presentations

As this year has focused primarily on development of the mobile website and project logistics, there have been no publications or presentations from data generated under this award. However, there have been two publications this year on HFS that are highly relevant to the project and contribute to the foundational support of this intervention. There have also been several presentations outlining the theoretical model of HFS and the study design of this project.

### Journal publications

Kees, M. & Rosenblum, K. (2015). Evaluation of a psychological health and resilience intervention for military spouses: A pilot study. *Psychological Services*, *12*(3), 222-230. doi: 10.1037/ser0000035.

Kees, M. Nerenberg, L, Bachrach, J., & Somers, L. (2015). Changing the personal narrative: A pilot study of a resiliency intervention for military spouses. *Contemporary Family Therapy*, *37*(3), 221-231. doi: 10.1007/s10591-015-9336-8.

## Presentations

Kees, M. (2014). *Promoting resilience in military families*. Keynote speaker, Pennsylvania State, BaseTrack Community Forum. University Park, PA.

Kees, M. (2014-15). Tier 3: Military Family Resilience. Star Behavioral Health Providers – Michigan. Mount Clemens, MI; Ann Arbor, MI; Pontiac, MI; Taylor MI.

Kees, M. (2015). Veteran Family Resilience. Ann Arbor VA. Ann Arbor, MI.

Kees, M. (2015). HomeFront Strong: Building resilient families. Invited webinar for the Department of Defense Office of Reintegration Programs.

# Website(s) or other Internet site(s)

As described, the HFS mobile website and the HFS Administrative Console (Goal 1) have been completed during this funding period. To access the development portal of the website, please use the following website address, with the provided username and password. Please note that this is the development site, with sample and nonsensical answers on some pages. Screenshots of the HFS Administrative Console are available in Appendix A, and screenshots of the HFS website are available in Appendix B.

https://kees.miserver.it.umich.edu/main

username: test@example.com

password: test

# **Technologies or techniques**

Nothing to report

# Inventions, patent applications, and/or licenses

Nothing to report.

# **Other Products**

Nothing to report.

# 7. PARTICIPANTS & OTHER COLLABORATING ORGANIZATIONS

# What individuals have worked on the project?

Name:	Michelle Kees, PhD
Project Role:	Principal Investigator
Researcher Identifier (e.g. ORCID ID):	None
Nearest person month worked:	3.14 CM
Contribution to Project:	Dr. Kees is responsible for implementing all aspects of the project. She is the lead author on the HFS program materials, including the curriculum, participant workbook, training materials, and program content for the mobile website.
Funding Support:	No other support

Name:	Margy Howes
Project Role:	Project Administrator
Researcher Identifier (e.g.	Not applicable

ORCID ID):	
Nearest person month worked:	1.6 CM
Contribution to Project:	Ms. Howes is responsible for providing administrative support to the HFS team.
Funding Support:	No other support

Name:	Anne Hathaway
Project Role:	Financial Coordinator
Researcher Identifier (e.g. ORCID ID):	Not applicable
Nearest person month worked:	1.7 CM
Contribution to Project:	Ms. Hathaway is responsible for all accounting activities and maintaining compliance with budgetary requirements.
Funding Support:	No other support

Name:	Chrysta Meadowbrooke
Project Role:	Research Evaluator
Researcher Identifier (e.g. ORCID ID):	Not applicable
Nearest person month worked:	1.5 cm
Contribution to Project:	Ms. Meadowbrook has contributed to the methodological design and the IRB proposal. She is also setting up the Qualtrics database for both the provider and participant surveys.
Funding Support:	No other support

Name:	Emma Steppe
Project Role:	Project Manager (CHCR)
Researcher Identifier (e.g. ORCID ID):	Not applicable
Nearest person month	2.37 CM

worked:	
	At CHCR, Ms. Steppe has directed the technical implementation activities of the HFS mobile website and the administrative console.
Funding Support:	No other support

Name:	Diane Egleston
Project Role:	Behavioral Scientist (CHCR)
Researcher Identifier (e.g. ORCID ID):	Not applicable
Nearest person month worked:	3.2 CM
Contribution to Project:	At CHCR, Ms. Egleston has contributed to modifying the HFS program content for mobile website delivery.
Funding Support:	No other support

Name:	Andrea van den Bruelle
Project Role:	Creative Design (CHCR)
Researcher Identifier (e.g. ORCID ID):	Not applicable
Nearest person month worked:	4.2 CM
Contribution to Project:	At CHCR,Ms. Van den Bruelle has provided the artistic direction for the HFS mobile site, including the design, creation, layout, compositing, and production of graphical and media elements.
Funding Support:	Nothing to report

Name:	Hsueh-Ling (Shelly) Chang	
Project Role:	Software and Technology (CHCR)	
Researcher Identifier (e.g. ORCID ID):	Not applicable	
Nearest person month worked:	4.33 CM	

	At CHCR, Ms. Chang has provided technical engineering, programming, and production services for the HFS mobile website.
Funding Support:	No other support

Has there been a change in the active other support of the PD/PI(s) or senior/key personnel since the last reporting period?

Nothing to report.

What other organizations were involved as partners?

Nothing to report.

# 8. SPECIAL REPORTING REQUIREMENTS

Nothing to report

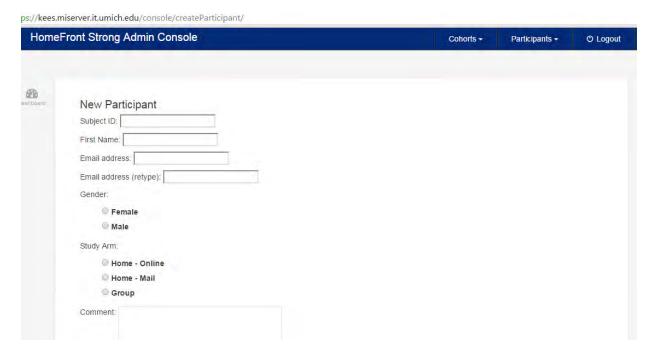
# 9. APPENDICES

- A. HFS Administrative Console screen shots
- B. HFS Mobile website screen shots
- C. Paradata sample files

### A. HFS Administrative Console screen shots

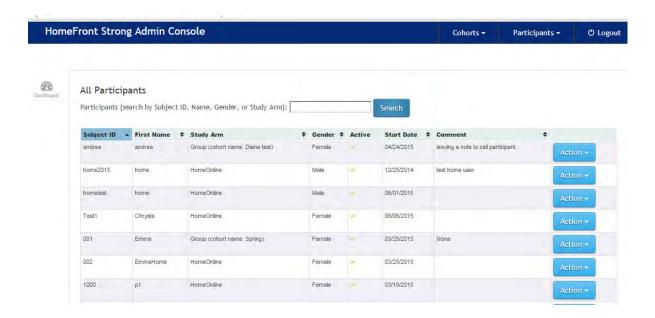
# Assignment to HFS Group or Web-based Condition

When a new participant enrolls in HFS, the following information will be completed on the Administrative Console, and the participant will select either the Group or Web-based (Home) Condition.



# **HFS: Tracking HFS Condition**

All enrolled participants can be tracked by Condition (Web-based/Home vs. Group) and enrollment date.



# HFS Group: Establishing a Cohort.

When a new group starts, the "Cohort" will be defined in the Administrative console, based on the name of the group (Name of City, 1), and then the dates will be entered for each scheduled group. Participants will then receive reminder texts/emails weekly to let them know when the session content is available. HFS program staff will be able to override the date in the Administrative Console if a group session is cancelled or postponed for some reason.

New Cohort

This cohort will send messagse at the times noted below. All times are scheduled in US Eastern Time (EST/EDT).

Cohort Name

Start Date of Session 1

Start Date of Session 2

Start Date of Session 3

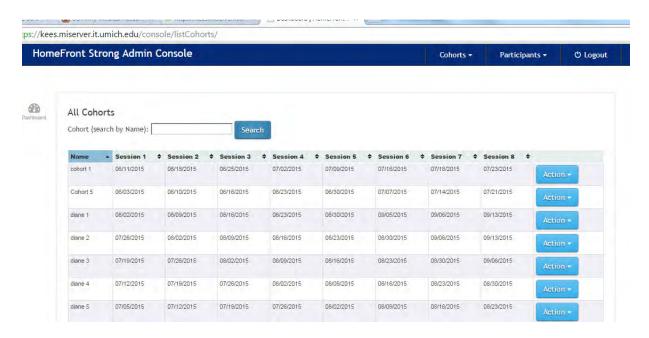
Start Date of Session 4

Start Date of Session 6

Start Date of Session 6

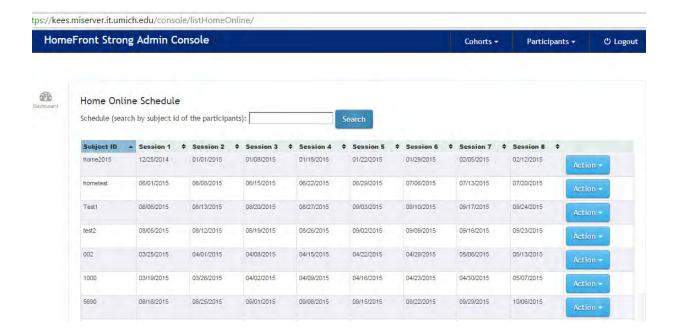
Start Date of Session 7

Through this function on the Administrative Console, each of the group cohorts can be viewed and tracked, which will be helpful for program management and planning assessments.



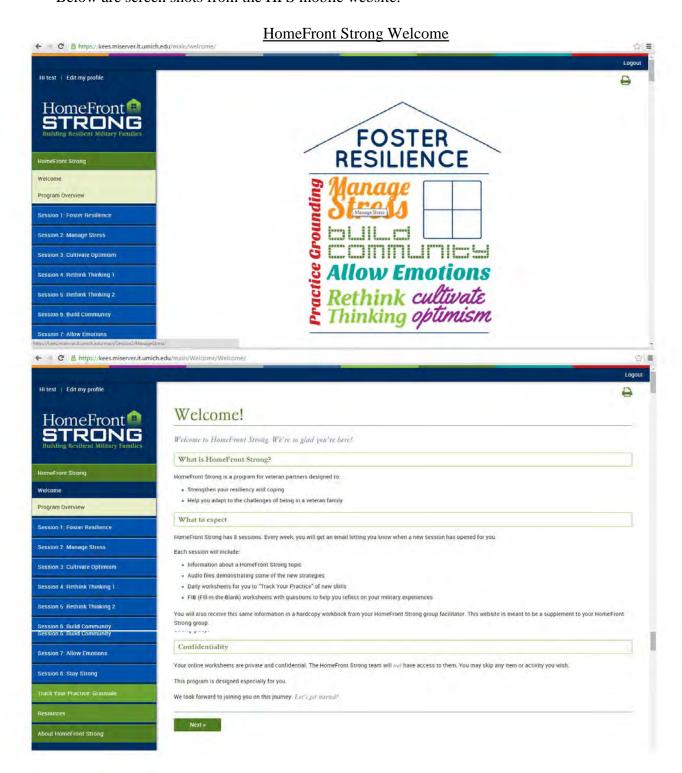
# HFS Web-based/Home Condition: Monitoring participants

Through this function, on the Administrative Console, participants in the Web-based/Home Condition can be viewed and tracked, which will be helpful for program management and planning assessments.



#### B. HFS Mobile Website screen shots

Below are screen shots from the HFS mobile website.



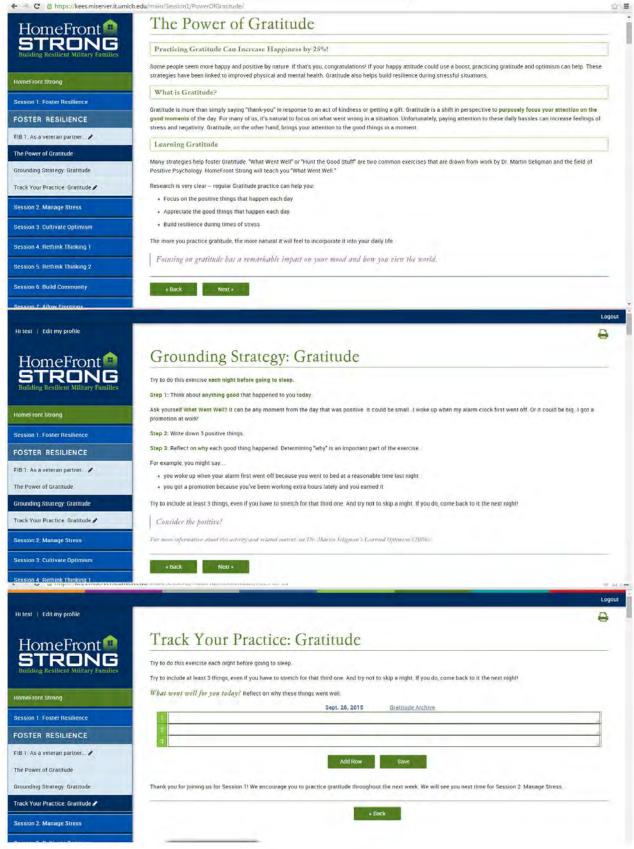
# HomeFront Strong Program Overview



# Session 1: Foster Resilience

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HomeFront	Session 1: Foster Resilience	
STRONG Building Resilient Military Families	Resilient people tend to do better during stressful situations. They bounce back quicker and have fewer negative effects from stress. They are also less likely to develop post-traumatic stress, depression, or other anxiety disorders.	
	Here are some ways to increase resilience:	
HomeFront Strong	<ul> <li>Practice self-care. Try to find time each day to prioritize yourself, whether it is 5 minutes of alone time or an hour reading a book.</li> </ul>	
Session 1: Foster Resilience	<ul> <li>Healthy body. Set a goal to get enough steep, eat healthier, and be physically active.</li> </ul>	
	. Focus on the good. Find something each day that you are grateful for. Resilient people usually see challenges as temporary and try to learn from them.	
FOSTER RESILIENCE	<ul> <li>Draw from your own previous experiences. Think about specific times when you overcame a challenge. Use past successes to improve your confidence and your problem solving skills.</li> </ul>	
FIB 1: As a veteran partner.	Ask for help. It's important to have good problem solving skills, but it's just as important to know when and how to ask for help.	
The Power of Gratitude	<ul> <li>8e kind to yourself. Remind yourself of your achievements and learn to give yourself a break. Think about what you have accomplished each day rather than what you haven't, and set realistic expectations for yourself.</li> </ul>	
Grounding Strategy: Gratitude	Increase your social support network and nurture existing relationships. Surround yourself with considerate people who make you feel safe and supported.	
Track Your Practice, Gratitude	Learn to say no. It's common to commit to too many social or professional activities. Try to be honest with yourself about what's reasonable without pushing yourself over the edge.	
Session 2: Manage Stress	Focus on things you can change rather than things you can't. Let go of the things you have no control over.	
Session 3: Cultivate Optimism	Can you think for a few moments about which of these practices you use most often? Are there some that you would like to start using?	
Session 4: Rethink Thinking 1	Resilience is a skill - like bike riding or running - that can be learned AND improved with practice.	
Session 5: Rethink Thinking 2		
Session 6: Build Community	Next »	
	DVD 4	
HomeFront	FIB 1: As a veteran partner	
STRONG Building Resilient Military Families	Every session of HomeFront Strong will include a FIB (Fill in the Blank) worksheet that asks you to share your thoughts and feelings about your experiences as a veteran partner. Your answers are completely private, confidential, and for your use only.	
No. 2 and a second	What is your story as a veteran partner?	1
HomeFront Strong	We all have a story we tell ourselves – a running dialogue inside our head. Think about the story you tell yourself about the most challenging parts of being a veteran partner. What were – or are – some of the hardest moments for you and for your family?	
Session 1: Foster Resilience	This conversation with yourself is very important - please try to complete every question	
FOSTER RESILIENCE	When I think about Michaell's time in the military, my first thoughts are	
FIB 1: As a veteran partner		
The Power of Gratitude		
Grounding Strategy: Gratitude	When I think about Michaell's time in the military, I feel	
Track Your Practice: Gratitude		
Session 2: Manage Stress	When I think about Michaell's time in the military, I am atraid	
Session 3: Cultivate Optimism		
Session 4: Rethink Thinking 1	When I think about Michaell's time in the military, I want	
Session 5: Rethink Thinking 2		
Session 6: Build Community	Because of Michaell's time in the military, I can't	
Session 7: Allow Emotions		
Session 8: Stay Strong	When I think about Michaell's time in the military, I am proud	
Track Your Practice, Gratitude		
Resources	When I think about Michaell's time in the military, I hope	
About HomeFront Strong		
© 2015 The Regents of the University of Michigan	When I think about my experiences with Michaell's time in the military. I am grateful	
a transition of the controlled of paragraph		
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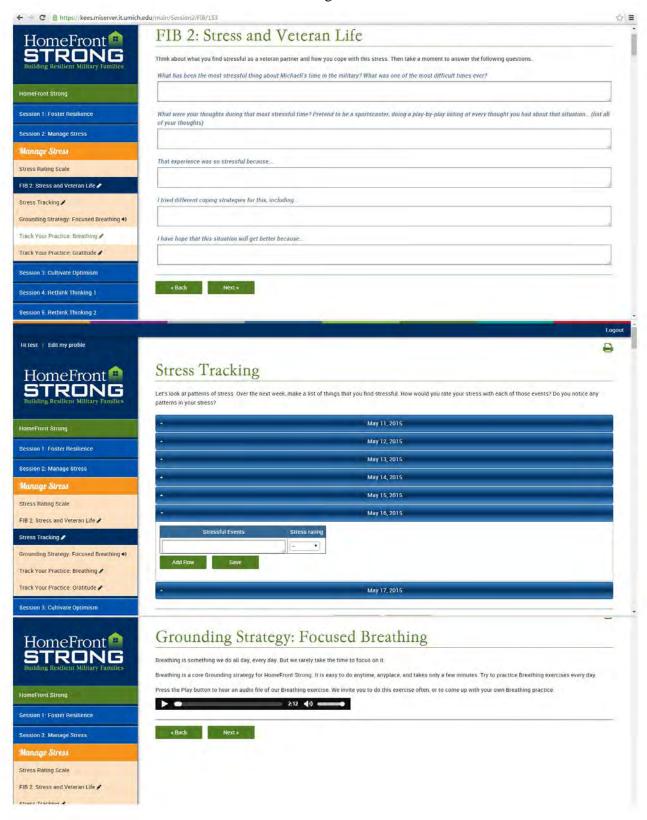
# Session 1: Foster Resilience



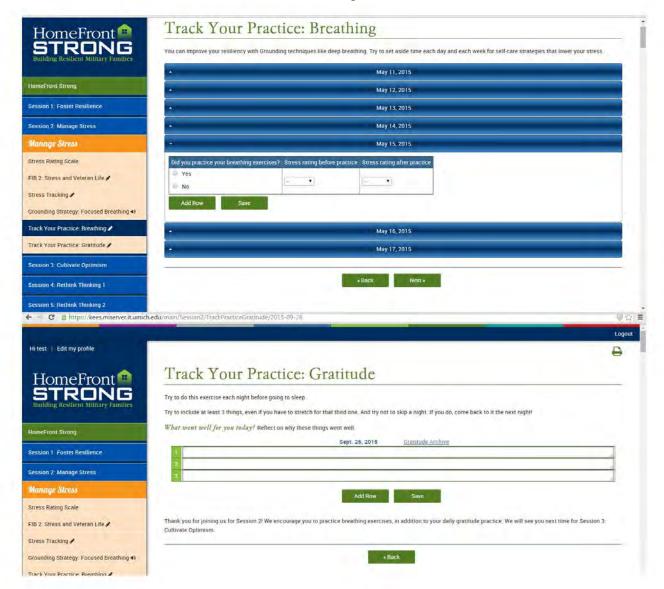
# Session 2: Manage Stress



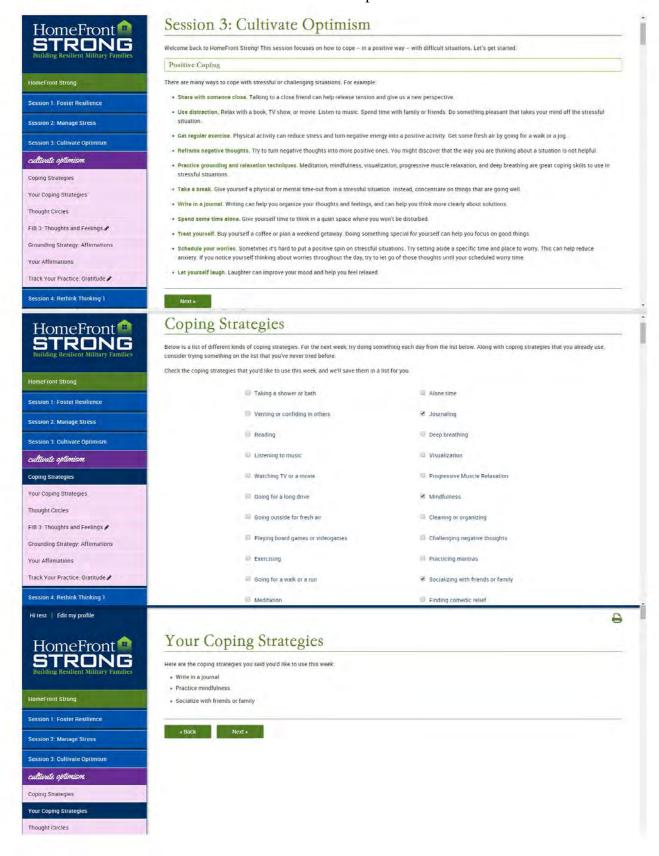
# Session 2: Manage Stress



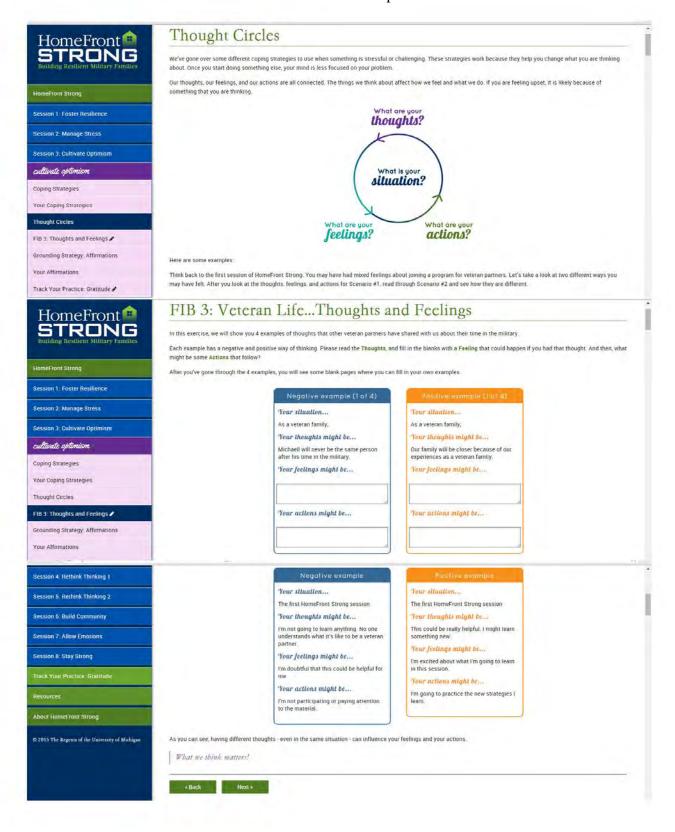
Session 2: Manage Stress



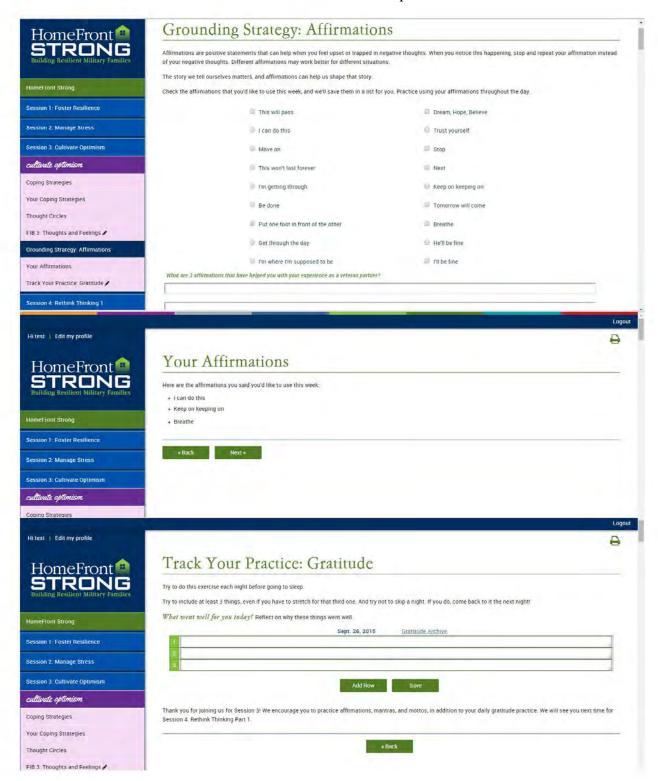
# Session 3: Cultivate Optimism



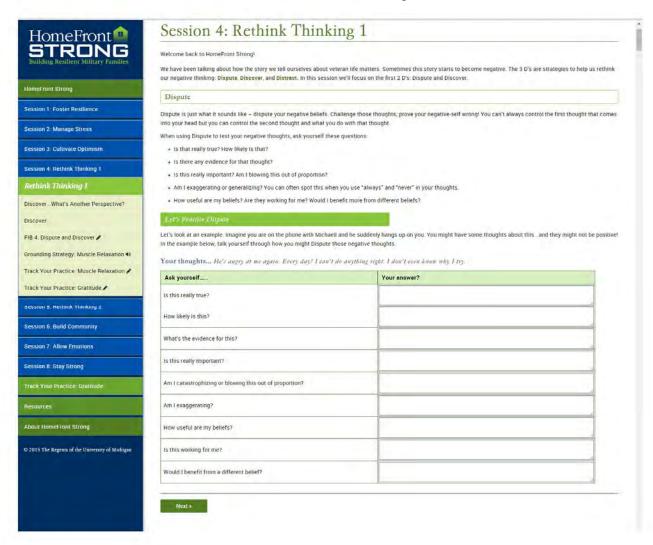
# Session 3: Cultivate Optimism



# Session 3: Cultivate Optimism



# Session 4: Rethink Thinking, Part 1





Session 6: Build Community Session 7: Allow Emotions Session B: Stay Strong

# Discover...What's Another Perspective?

Optical illusions are common. The images below show that your perspective – the way you view things – can change what you see. In our next skill, Discover, we want to focus on ways to change your perspective.









« Back Next »

#### Discover

In Discover, we begin to consider other perspectives. What are other possible explanations? Why else might this person have acted this way? What else could be going on?

The key to Discover is considering other possible explanations by asking yourself:

- What are other explanations? What else might be happening? Make a list of all the possibilities even the unlikely ones.
- . Are there situational explanations? What else is going on around the other person? Often we underestimate the influence of the situation and environment.
- At the same time, we often overestimate our own influence. Ask yourself. "Is this really about me?" and "What might be going on for the other person right now?" Sometimes.
- . It could be something specific to the other person's personality, their style, their life, and stressors. Try to out yourself in the other person's position.
- Talk to someone else close to you perhaps they can help you see another side of the story

To practice Discover, let's return to our example from earlier - you are on the phone with Michaell and he hangs up on you. If those same negative thoughts occur, how might you

Your thoughts... He's angry at me again. Every day! I can't do anything right. I don't even know why I try.

Ask yourself	Your answer?	
What's another explanation?		
What else might be happening?		
What else is going on with the other person?		
is this really about me?		

# HomeFront® Session 2: Manage Stress Discover...What's Another Perspective? FIB 4: Dispute and Discover Grounding Strategy: Muscle Relaxation €0 Track Your Practice: Muscle Relaxation Track Your Practice, Gratitude Session 5: Rethink Thinking 2

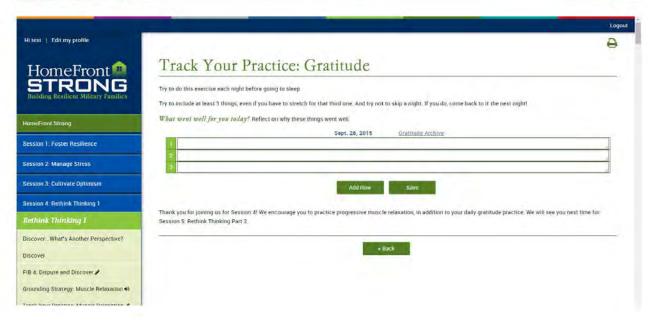
# Session 4: Rethink Thinking, Part 1

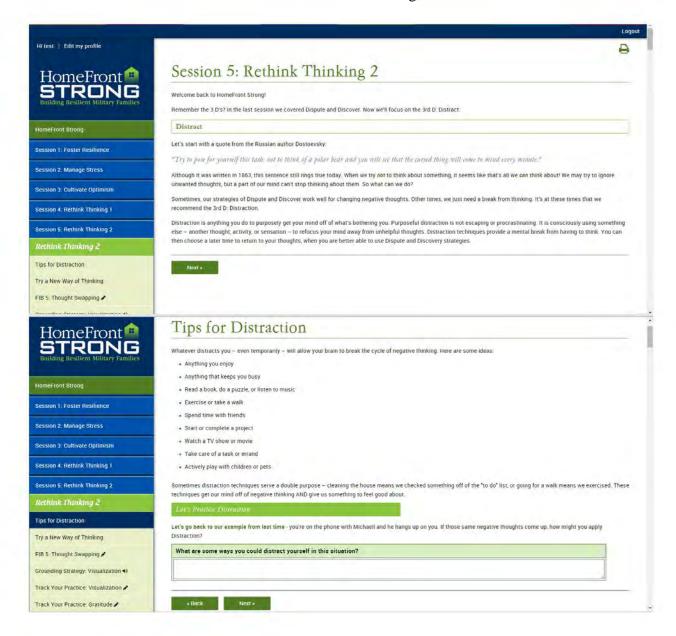
HomeFront	FIB 4: Dispute and Discov	rer
STRONG Building Resilient Military Families	Think about a very stressful experience you've had as a veteran partner	. In the box below, type in a negative thought you have about that experience.
meFront Strong	Now, let's work to change that negative thought by answering these qu	estions for Dispute and Discover.
ssion 1. Foster Resilience	Dispute	
ssion 2. Manage Stress	Ask yourself	Your answer?
sion 3; Cultivate Optimism	1s this really true?	this is a better width)
sion 4: Rethink Thinking 1	How likely is this?	-
hink Thinking I	What's the evidence for this?	
over _What's Another Perspective?	Is this really important?	
4: Dispute and Discover	Am I catastrophizing or blowing this out of proportion?	
unding Strategy: Muscle Relaxation 48	Am I exaggerating?	
k Your Practice: Muscle Relaxation	How useful are my bellefs?	
k Your Practice Gratitude	Is this working for me?	
alan P. Markink Thinking N	Would I benefit from a different belief?	
sion 5: Build Community	Discover	4
sion 7: Allow Emotions	Ask yourself	Your answer?
sion B. Stay Strong	What's another explanation?	
k Your Practice Gratitude	What else might be happening?	1
ources		
ut HomeFront Strong	What else is going on with the other person?	
15 The Regents of the University of Michigan	is this really about me?	
	What's the other person's perspective?	
	What might another friend say to me about this?	
	a Back Next a	

# Session 4: Rethink Thinking, Part 1





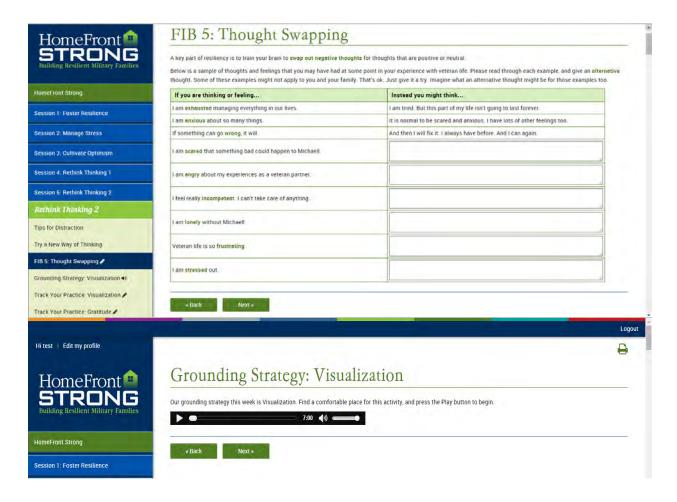




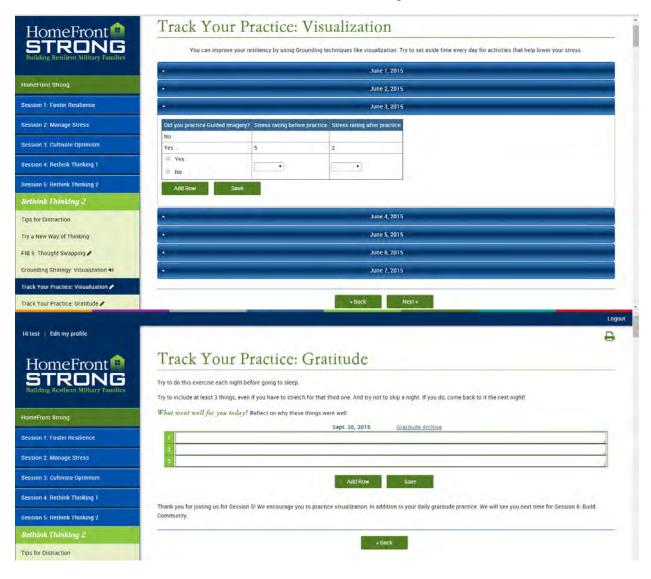
# Session 5: Rethink Thinking, Part 2

HomeFront @	Try a New Way of Thinking			
STRONG Building Resilient Military Families	Let's practice your new thinking strategies this week. If a negative situation comes up, use the thought circle to write down the thoughts, feelings, and actions that follow, Also, try to use Dispute, Discover, and Distract to counter those negative thoughts.			
	What are your			
HomeFront Strong	thoughts?			
Session 1: Foster Resilience				
Session 2: Manage Stress				
Session 3: Cultivate Optimism		What is your situation?		
Session 4: Rethink Thinking 1		1		
Session 5: Rethink Thinking 2	2.2			
Rethink Thinking 2	<i>fe</i>	at are your what are your actions?		
Tips for Distraction				
Try a New Way of Thinking		Your situation		
FIB.5: Thought Swapping				
Grounding Strategy: Visualization 40		Your thoughts might be		
Track Your Practice: Visualization				
Track Your Practice; Gratitude		Your feelings might be		
Session 6: Build Community		ton printing might ven.		
Session 7: Allow Emotions				
Session 8: Stay Strong		Your actions might be		
Track Your Practice: Graittude				
Resources	Dispute			
About HomeFront Strong	Ask yourself	Your answer?		
© 2015 The Regents of the University of Michigan	Is this really true?			
	How likely is this?			
	What's the evidence for this?			
	Is this really important?			
	Am I catastrophizing or blowing this out of proportion?			
	How useful are my beliefs?			
	Is this working for me?			
	Would I benefit from a different belief?			
	Discover			
	Ask yourself	Your answer?		
	What's another explanation?			
	What else might be happening?			
	Why else is going on with the other person?			
	Is this really about me?			
	What's the other person's perspective?			
	What might another friend say to me about this?			
	Distract			
	Ask yourself	Your answer?		
	What can I do to distract myself?			

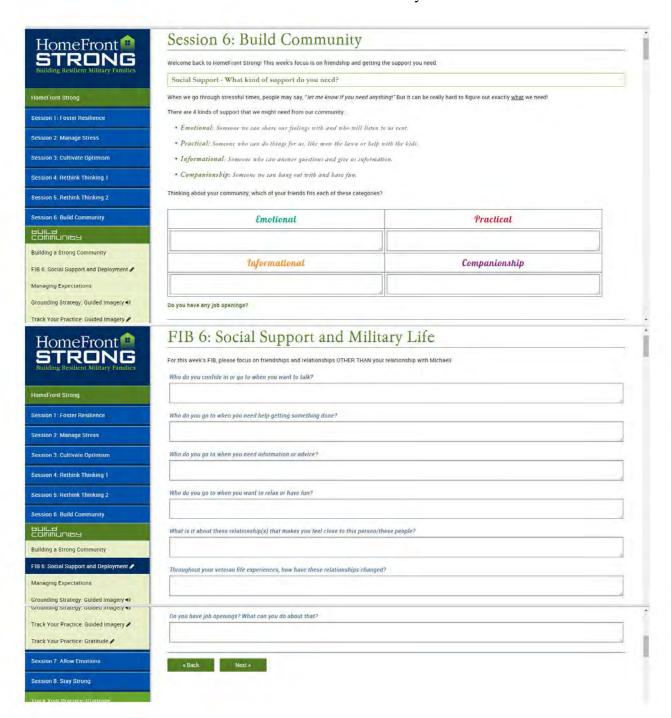
# Session 5: Rethink Thinking, Part 2



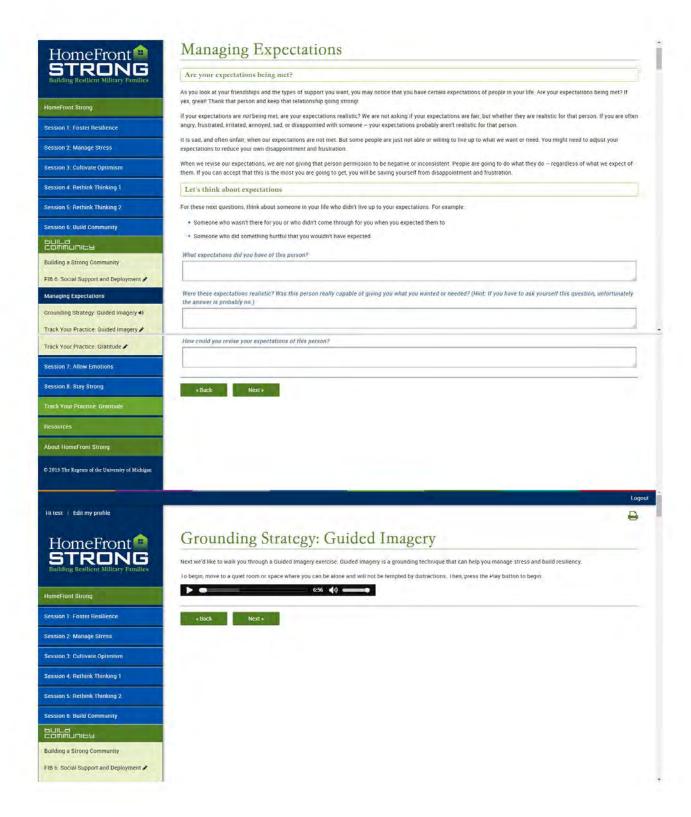
# Session 5: Rethink Thinking, Part 2



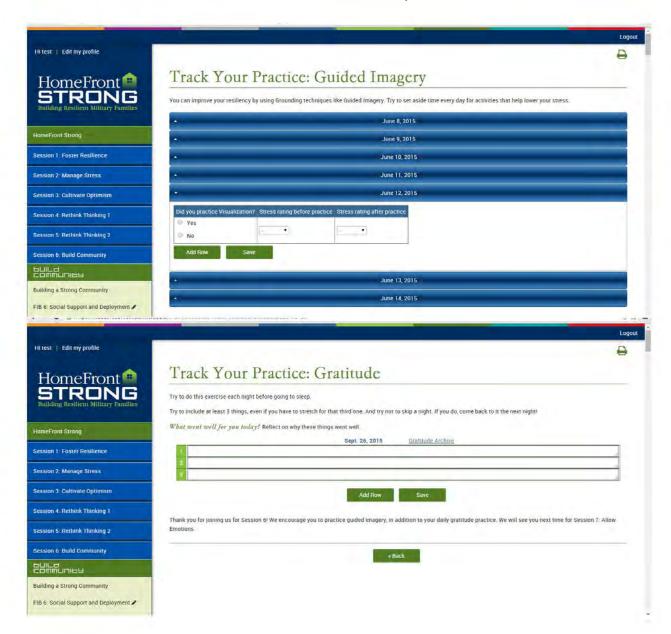
# Session 6: Build Community



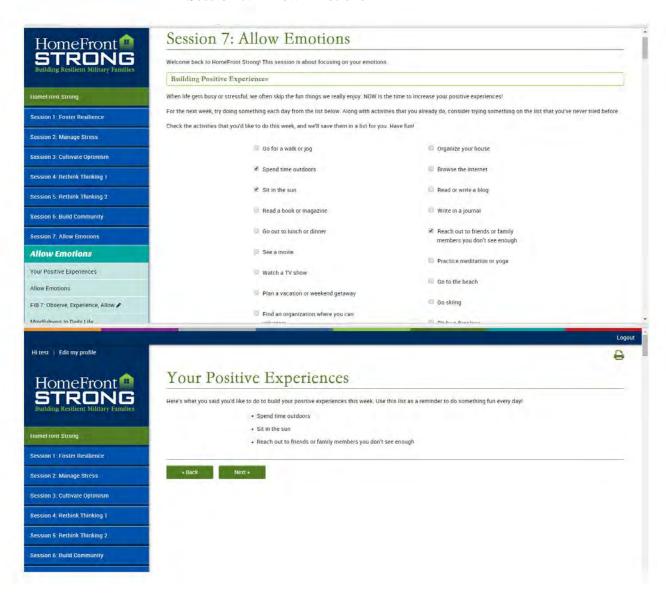
# Session 6: Build Community

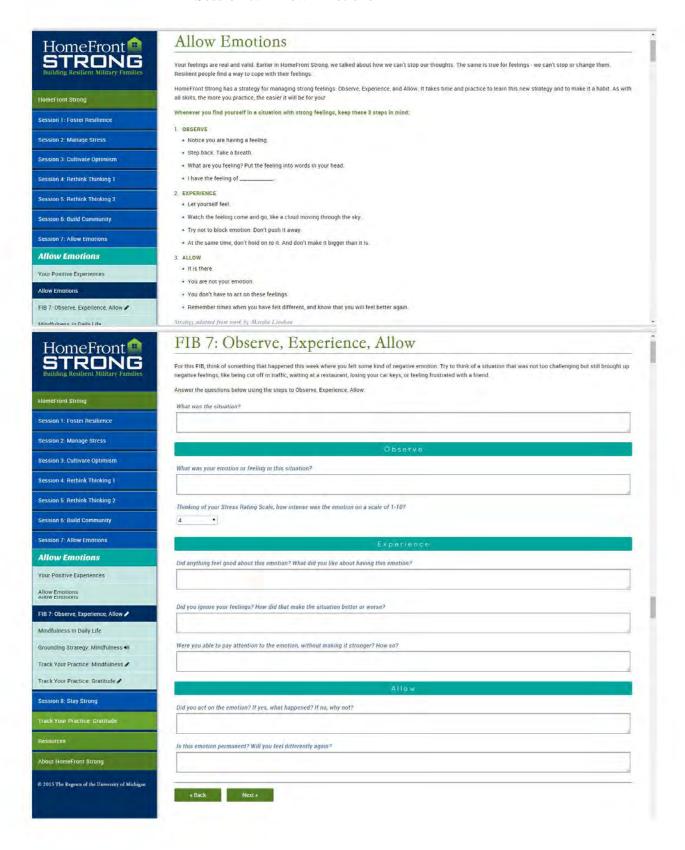


# Session 6: Build Community

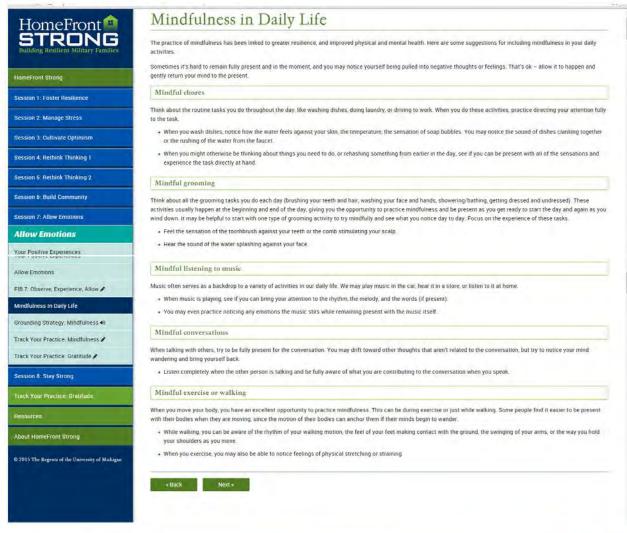


## Session 7: Allow Emotions



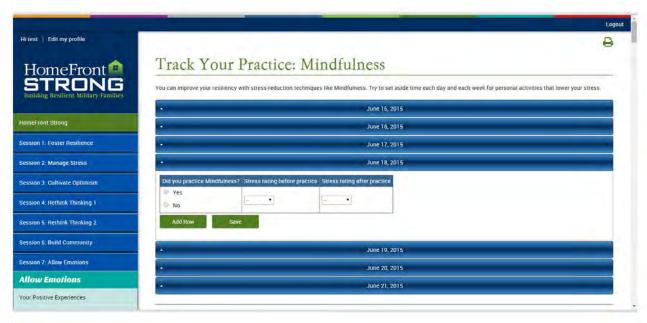


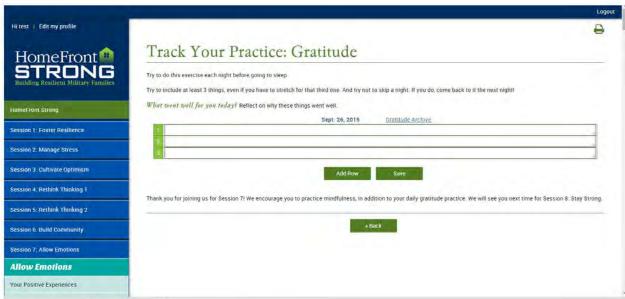
## Session 7: Allow Emotions





# Session 7: Allow Emotions



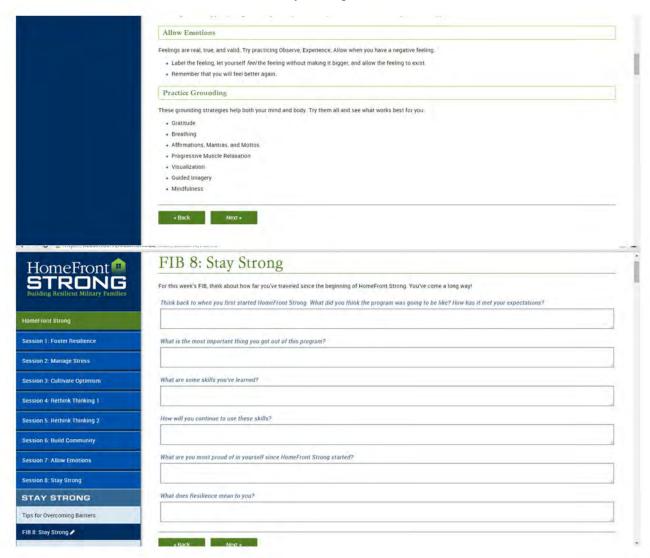


# Session 8: Stay Strong





# Session 8: Stay Strong





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# Mindfulness of the Senses

Just like our daily routines, our senses help anchor us in the present. You may find it helpful to connect with your senses throughout the day.

- . Try to be present with your senses when you are feeling most overwhelmed. This can help calm you and give you some distance or perspective
- Your mind may wander and draw you into thoughts and emotions. You may notice that you are judging what you see, hear, smell, taste, or touch. Become aware of your thoughts and judgments, and notice them simply as part of the experience of your sensations. Don't be pulled in by them.

There are a variety of visual stimuli you may choose to focus on. For example,

- · Simply notice whatever is around you at any moment.
- . Become aware of the shape, colors, textures, and movement that you see
- . Notice the visual cues that signal the end of one object and the beginning of the next.
- Look for visual experiences that bring you pleasure: a beloved piece of art, element of nature, or the face of someone you love
- . Be present with the overall visual picture, as well as the small details you see.

#### Hearing

The world is full of sounds, some you may like (music), and some you may not (fire alarms). Practice being present with any and all noises in your environment, tuning into whatever sounds you hear

- . Try practicing with specific sounds, like music, nature sounds, or bells.
- . If there are sounds that you find soothing, you can listen to them on demand (e.g. recordings of favorite music or everyday sounds like a ticking clock)
- Practice being present even with unpleasant noises. You may find these sounds to be more tolerable when you allow them and explore them.
- . Try to notice the distinction between the sounds themselves and your emotional reaction to them.

We are in constant contact with the physical world through our sense of touch, though we are not often aware of this contact. Our skin is the largest organ in the body. Through the sense of touch, we have the opportunity to be in the present moment at any time. Try noticing the way these things feel:

- · Your clothes against your body
- . Heat or cold (especially on very warm or cold days, noticing what the temperature feels like against your skin or deep in your core)
- · Physical contact with others, like petting an animal, hugging, or shaking someone's hand
- . Different textures (e.g. soft or coarse fabrics, blankets or clothing)
- The sensation of pressure due to movement (e.g. feet pressing against the ground while walking, fingers pressing against keys while typing on a keyboard)
- The pressure and feel of the body as it comes in contact with different things (e.g. sitting on a hard bench or laying on a soft mattress)

#### Taste

Taste is a key part of our daily experience. You can practice mindful awareness of taste by focusing on your meals and slowing down your eating to truly notice the taste of your

- Try to notice the variety of tastes even within a single type of food.
- . Become aware of different tastes on different parts of your tongue.
- \* Try tasting things with strong flavors (e.g. sour lemon, bitter dark chocolate, salty pretzels, sweet maple syrup).
- See if you can eat slowly, truly tasting each bite, and focus your attention on your food without distractions. Try eating in a quiet space, without speaking or doing anything else during your meal
- . Savor each bite, treating it like a very delicious food you do not eat often. Notice how this feels, even for foods you do not enjoy

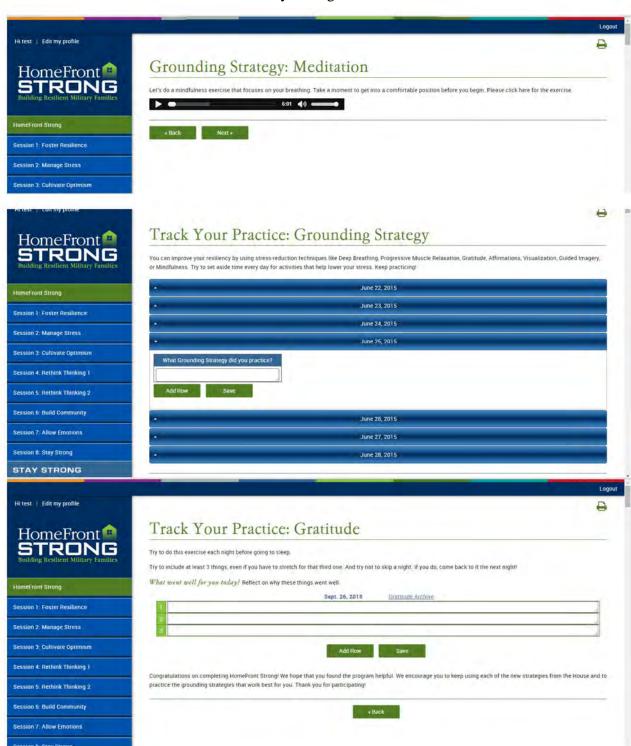
### Smell

We are often only aware of strong smells that are either pleasant or unpleasant. You can practice mindfulness through smell when you notice a particularly strong smell. Even If there isn't a strong scent, you can direct attention to your sense of smell and notice what is present

- . Become aware of any associations or memories a smell evokes. Perhaps the scent of cornbread baking reminds you of your grandmother. Notice these connections without
- Try making a list of smells that make you feel good and use these at times when you may be struggling. Some people enjoy the smell of candles, lotions, flowers, or certain

- Back Next -

Session 8: Stay Strong



# C. Paradata Sample File

The file below is a screenshot from our internal pilot testing of the HFS mobile website and the paradata.

- Column A Subject ID
- Column B The website subpage that was clicked
- Column C The time when the subpage was clicked
- Column D The length of time the subpage was active

We are writing syntax to operationalize session dose and session completion based on length of time that subpages are active and numbers of clicks per session topics.

